



Features:

- ◆ Plastic IR Dome IP Camera and 1080P NVR
- ◆ P2P Cloud Service,Support Onvif
- ◆ 720P/ 960P /1080P HD Real-time
- ◆ Remote View & Control, Anywhere, anytime.
- ◆ Motion Detection with Email Alert
- ◆ Day & Night Monitoring with IR-cut Auto Switch
- ◆ Support Andriod Mobile, Tablets, iPhone, iPad.

Model Name	Contents
VK-N2104X10	VN-IOB10H x 2pcs
	VN-AB10H x 2pcs
	VN-2104A x 1pc
VK-N2104X13	VN-IOB13H x 2pcs
	VN-AB13H x 2pcs
	VN-2104A x 1pc
VK-N2104X20	VN-IOB20E x 2pcs
	VN-AB20E x 2pcs
	VN-2104A x 1pc



Camera Specification

	Plastic IR Dome IP Camera;IR LED: \varnothing 5X24pcs, IR Range: 20M					
	Waterproof Plastic IR Bullet IP Camera;Waterproof level:IP66;IR LED: \varnothing 5X24pcs, IR Range: 20M					
Model	VN-IOB10H	VN-AB10H	VN-IOB13H	VN-AB13H	VN-IOB20E	VN-AB20E
TV System	NTSC / PAL					
Video Out	BNC (AHD)					
Chipset Solution	1/4" XM H42 + Hi3518E 1.0 Mega Pixels CMOS		1/3" XM H81 + Hi3518E 1.3 Mega Pixels CMOS		1/3" XM SC2035 + Hi3518E 2 Mega Pixels CMOS	
Resolution	720P @ 25fps(PAL), 30fps(NTSC)		960P @ 25fps(PAL), 30fps(NTSC)		1080P @ 25fps(PAL), 30fps(NTSC)	
Effective Pixels	1920(H) \times 720(V)		1920(H) \times 960(V)		1920(H) \times 1080(V)	
Minimum Illumination	0.001Lux					
Lens	3.6mm Board Lens					
	/		/		2.8/6/8mm(Optional)	
Sync, System	Internal Synchronization					
Network	1 RJ45 Ethernet interface, 10/100M adaptation					
Video Compression	H.264 compression					
Onvif	YES					
S/N Ratio	\geq 58dB					
Protocol	Support Gmail/GOOGLE/QQ/EMAIL					
OSD	YES					
POE	Optional					
WIFI	/					
Power Source	DC 12V/2A					
Consumption	<5W					
Operating Enviroment	-20 $^{\circ}$ C~60 $^{\circ}$ C / 10% ~ 95%RH					
Working Humidity	\leq 90%					
Size(mm)	94mm x 69mm					
Weight(kg)	0.37 kg					

DVR Specification		
		H.264 1080P NVR
Model		VN-2104A
System	Main Processor	Hi3520
	Operation System	LINUX, Compression Mode: H.264
Video	Video Input	4CH
	Video Output	1 x VGA / 1 x HDMI (1920*1080)
	Video Distance	Ethernet cable
Audio	Audio Input	N/A
	Audio Output	N/A
Recording	Recording Channel	4CH x 720P;720P: 1920 x 720 at 30 Fps(NTSC), 25 Fps(PAL) 4CH x 960P;960P: 1920 x 960 at 30 Fps(NTSC), 25 Fps(PAL) 4CH x 1080P;1080P: 1920 x 1080 at 30 Fps(NTSC), 25 Fps(PAL)
	Resolution	720P/960P/1080P
	Frame Rate	30 Fps(NTSC), 25 Fps(PAL)
	Recording Mode	Realtime Video Recording
Playback	Playback Channel	1CH x 1080P at 30 Fps(NTSC), 25 Fps(PAL)
	Search Mode	Time, Date, Motion Detection, Exact Search
	Playback Mode	Normal Play / Fast Forward / Fast Rewind / Frame by Frame
Alarm	Alarm Input	N/A
	Alarm Output	N/A
Storage	HDD Interface	1 x SATA Fixed HDD
	Capability	SATA HDD up to 6TB each
Backup	USB Disk	2 x USB 2.0 port
	Backup Format	H.264 (only for Playback Software - General H.264 Player V1.7.0.)
	Backup Mode	Network download / Flash USB / movable HDD/SATA HDD / DVD-RW
PTZ	PTZ	R485 control
Network	Interface	RJ45 port / 10M / 100M / 1,000Mbps Ethernet
	Protocol	TCP/IP, DHCP, DDNS, DNS, PPPoE, UPNP, NTP, SMTP
	Mobile phone Support	mobile view app Smart meye (iPhone, Android)
	Compatible Browser	iCloud Software, one-click online; Support IE, Firefox, Google Chrome
	Computer System Support	Windows 2000, XP, Vista, 7, 8 / Mac OS x 10.6/10.7
	Free DDNS	iCloud Free DDNS Server (P2P function)
	IP Camera Protocol	ONVIF Version Platform Protocol (Digital Menu)
Others	Simultaneous Remote Viewers	6 Users Online
	Operating Temperature	0°C ~ 55°C
	Operating Humidity	10% ~ 90%
	Dimension	252mmx 213mmx 42mm
	Net Weight	3.0 KG
	HDD Screw	4 PCS (1 Pack)
	Accessories	USB Mouse x1PC/User Manual x1PC/ Power Supply x 1PC/ Client software CD x1PC
	Power Supply	DC12V/2A Power Adapter